



Ministry
of the
Environment

Water Resources
Bulletin 3-11
Surface water series

SELECTED STREAMFLOW DATA FOR ONTARIO 1976

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BULLETIN 3-11
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**SELECTED
STREAMFLOW
DATA FOR
ONTARIO
1976**

ISSN 0382-2915

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

TORONTO

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INTRODUCTION

This bulletin contains streamflow data collected during 1976 by personnel of the Ministry of the Environment.

The basic data were collected and compiled by the Water Resources Assessment Units of the Ministry's Regional Offices at London, Stoney Creek, Don Mills, Kingston and Sudbury.

This publication was prepared by personnel of the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning the data in this bulletin should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario

Technical Support Section
London Regional Office
985 Adelaide Street South
London, Ontario

Technical Support Section
Kingston Regional Office
133 Dalton Street
Kingston, Ontario

Technical Support Section
Hamilton Regional Office
140 Centennial Parkway North
Stoney Creek, Ontario

Technical Support Section
Toronto Regional Office
150 Ferrand Drive
Don Mills, Ontario

Technical Support Section
Sudbury Regional Office
469 Bouchard Street
Sudbury, Ontario

Other Data Sources

Data collected by the Regional Offices on a daily basis throughout the year in Southern Ontario are not published in this bulletin. For convenience, these data are included in the Federal Government publication, "Surface Water Data - Ontario". That publication, which includes streamflow and water-level data for numerous rivers and lakes in the Province, is published annually by Water Survey of Canada. Enquiries should be made to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

DATA QUALITY

Many of the flows were determined by direct measurements; others are values calculated from a reading of water elevation and an empirically determined stage-discharge relationship.

The following terms are used to describe the quality of the records:-

- Excellent: Records obtained at a site where an intensive discharge measurement program has produced a well-defined and stable stage-discharge relationship.
- Good: Records obtained from a site where an intensive discharge measurement program has produced a well-defined stage-discharge relationship which is not completely stable due to minor shifting of the stream bed or other channel properties which control water levels.
- Fair: Records obtained from a site where scarcity of discharge measurements has permitted only moderate definition of the stage-discharge relationship.
- Poor: Records obtained from a site where an unstable control, poor discharge measurement section or discharge measurements has resulted in a poorly defined stage-discharge relationship.

DEFINITION OF TERMS AND ABBREVIATIONS

"Cubic foot per second" (cfs) is the unit expressing the rate of streamflow discharge used in this bulletin.

"Acre-foot" (ac-ft) is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"WCP" Water Pollution Control Plant.

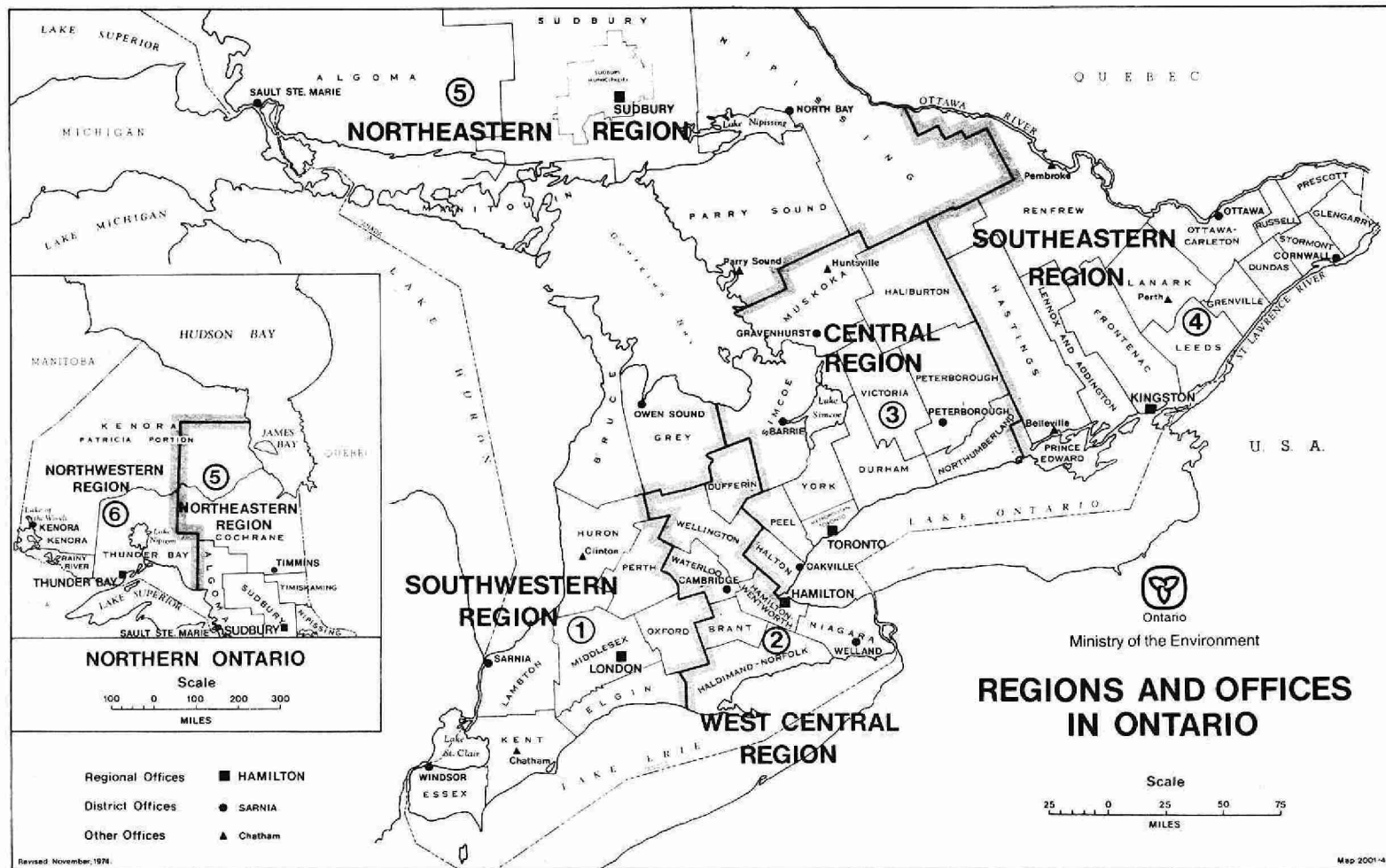
"No Flow" (N.F.) This notation indicates a field observation of either no streamflow, or a flow of less than 0.05 cfs.

1 cubic foot equals 6.232 Imperial gallons.

1 cubic foot per second equals 374 Imperial gallons per minute.

1 cubic foot per second for one day equals 1.984 acre-feet.

1 cubic foot per second equals 0.0283 cubic meters per second.



ABERFOYLE CREEK AT ABERFOYLE

Station No. 02GA107

Location: At the concrete culvert, on Hwy.6 in the
Community of Aberfoyle

Gauge: Staff

Drainage Area: 10.2 square miles

Period of Record: July 1974 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 12	2.1	May 13	5.8	Aug. 19	0.7	Oct. 7	1.7
Feb. 18	5.6	June 15	0.0	Sept. 22	4.6	Oct. 8	4.6
Feb. 19	8.7					Oct. 14	2.2
Feb. 20	8.6					Oct. 18	1.1
Mar. 21	32.1					Oct. 22	7.2
Mar. 25	25.8					Nov. 5	3.5
						Nov. 15	1.6
						Nov. 25	1.4
						Dec. 2	1.4
						Dec. 7	1.1
						Dec. 10	1.1

ABERFOYLE CREEK TRIBUTARY NEAR ABERFOYLE

Station No. 02GA108

Location: At the private road bridge, Lot 22,
Concession 7, Township of Puslinch, about
0.5 mile west of the Community of Aberfoyle

Gauge: Staff

Drainage Area: 0.9 square miles

Period of Record: August 1974 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 4	5.7	May 17	11.0	July 28	2.9	Oct. 8	5.1
Feb. 18	25.4	June 16	6.1	Aug. 19	3.2	Oct. 12	5.6
Feb. 19	33.4					Oct. 21	11.0
Feb. 20	30.8					Oct. 22	8.1
Mar. 25	50.9					Oct. 28	4.5
						Nov. 4	4.2
						Nov. 5	4.0
						Nov. 15	3.4
						Nov. 25	4.0
						Dec. 6	3.9
						Dec. 10	3.8

ABERFOYLE CREEK BELOW ABERFOYLE

3

Station No. 02GA109

Location: At the bridge on Concession 7, Township of Puslinch, about 1.5 miles west of the Community of Aberfoyle

Gauge: Staff

Drainage Area: 12.9 square miles

Period of Record: June 1974 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 12	14.3	May 13	22.8	July 23	7.3	Oct. 5	8.4
Feb. 4	15.0	June 15	6.6	Aug. 24	8.3	Oct. 8	13.4
Feb. 18	36.1			Sept. 20	25.6	Oct. 21	17.7
Feb. 19	41.8					Oct. 22	20.1
Mar. 22	73.8					Oct. 28	11.7
Mar. 23	51.7					Nov. 4	12.5
Mar. 25	77.0					Nov. 19	10.2
						Nov. 25	10.4
						Nov. 30	13.5
						Dec. 2	12.3
						Dec. 7	10.7
						Dec. 9	9.6

ALBERMARLE CREEK NEAR MAR

Station No. 02FA102

Location: At the culvert on Hwy. 6, about 0.7 mile
north of the Community of Mar

Gauge: None

Drainage Area: 10.8 square miles

Period of Record: May to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 29	14.7	Aug. 19	0.4	Oct. 13	1.9
		May 11	30.2				
		June 8	4.4				
		June 29	3.0				

ANCASTER CREEK AT HAMILTON

5

Station No. 02HB111

Location: At the bridge on the west campus of McMaster University, about 0.2 mile above the confluence with Spencer Creek, in the City of Hamilton

Gauge: None

Drainage Area: 17.5 square miles

Period of Record: July 1972 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 12	24.1	July 14	4.7		
		May 17	22.6	Aug. 11	4.8		
		May 27	7.9	Aug. 16	6.3		
		June 7	8.4				
		June 18	6.2				
		June 25	14.2				

AUSABLE RIVER BELOW EXETER

Station No. 02FF103

Location: At the bridge on Hwy. 83 about 0.8 mile
west of the junction with Hwy. 4 in the
Town of Exeter

Gauge: None

Drainage Area: 42 Square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 15	0.7	July 6	10.5	Oct. 4	4.7
				Aug. 24	5.9	Nov. 1	7.5
				Sept. 9	0.9		

AUSABLE RIVER ABOVE EXETER

7

Station No. 02FF104

Location: Below the Morrison Lake dam, at the bridge on Concession 2-3, Township of Usborne, about 1 mile east of the Town of Exeter

Gauge: None

Drainage Area: 37 square miles

Period of Record: July 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 6	9.1	Oct. 4	3.8
				July 20	7.3	Oct. 18	3.3
				Aug. 5	3.9	Nov. 1	6.0
				Aug. 24	4.3		
				Sept. 9	1.0		

AUSABLE RIVER TRIBUTARY NEAR HENSALL
(Hensall Creek)
Station No. 02FF105

Location: At the bridge on Hwy. 4, about 1.1 miles south of the Village of Hensall

Gauge: None

Drainage Area: 6.1 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 19	58.6	Apr. 2	18.6	July 6	<0.5	Oct. 4	<0.5
Mar. 25	19.9	Apr. 27	29.2				
		May 7	48.4	Aug. 5	<0.5	Oct. 18	<0.5
		May 17	11.2	Aug. 16	3.3	Nov. 1	<0.5
		May 31	5.0	Aug. 24	<0.5	Nov. 18	5.6

AUSABLE RIVER NEAR CREDITON

9

Station No. 02FF106

Location: At the bridge on Stephen Township Side
Road 1, about 2 miles southeast of the
Police Village of Crediton

Gauge: None

Drainage Area: 186 square miles

Period of Record: July 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer
Gauging Site Data section of previous
bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 15	7.9	July 6	29.1	Oct. 4	17.9
				Sept. 9	5.1	Oct. 18	18.8
						Nov. 1	29.4

AUSABLE RIVER NEAR EXETER

Station No. 02FF107

Location: At the bridge on Concession 4-5, Township of Usborne,
about 0.5 mile north of Hwy. 83, and approximately
3 miles northeast of the Town of Exeter

Gauge: On-stream recorder

Drainage Area: 29.7 square miles

Period of Record: June 1975 to November 1976

Remarks: Temporary on-stream recorder and weir installed
June 21 to November 18, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				-	2.2	3.6	4.6	1
2				-	2.1	3.3	4.6	2
3				-	1.5	3.1	4.7	3
4				-	1.5	2.9	4.5	4
5			8.6	-	1.3	2.7	4.6	5
6			7.0	-	1.5	3.6	5.2	6
7			6.0	-	1.9	7.3	7.4	7
8			5.3	-	1.8	6.2	9.1	8
9			4.5	-	1.9	5.5	9.1	9
10			4.8	2.3	1.6	4.7	10.0	10
11			7.9	2.1	2.0	4.0	11.5	11
12			-	1.9	1.6	3.5	-	12
13			7.1	2.9	1.3	3.5	-	13
14			5.2	-	1.1	3.8	-	14
15			-	-	1.1	3.7	-	15
16			-	-	1.2	3.3	-	16
17			-	-	1.5	3.1	11.8	17
18			-	10.1	-	2.9	12.1	18
19			-	8.0	10.1	2.9	-	19
20			4.9	6.3	6.6	4.7	-	20
21		-	-	5.0	5.1	8.9		21
22		2.6	-	4.5	5.2	11.1		22
23		2.5	-	3.8	8.5	8.9		23
24		2.4	-	3.5	9.9	7.6		24
25		3.3	-	2.8	7.4	6.8		25
26		3.3	-	2.6	6.0	5.9		26
27		2.6	-	2.3	6.0	5.0		27
28		2.3	-	2.2	5.7	4.7		28
29		2.8	-	2.0	4.9	4.6		29
30		-	-	1.9	4.2	4.3		30
31			-	1.8	-	4.8		31

AUSABLE RIVER TRIBUTARY NEAR EXETER

11

Station No. 02FF108

Location: At the bridge on Concession 4-5, Township of Usborne,
about 1.5 miles north of Hwy. 83, and approximately
4 miles northeast of the Town of Exeter

Gauge: On-stream recorder

Drainage Area: 1.1 square miles

Period of Record: June 1975 to November 1976

Remarks: Temporary on-stream recorder and weir installed
June 11 to November 6, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			-	1.2	0.63	0.98	1.1	1
2			-	0.98	0.59	0.85	1.1	2
3			3.7	0.81	0.56	0.77	1.1	3
4			2.6	0.70	0.53	0.70	1.0	4
5			1.8	0.63	0.47	0.63	1.0	5
6			1.4	0.56	0.47	0.77	1.2	6
7			1.2	0.53	0.44	1.9		7
8			1.0	0.50	0.42	1.7		8
9			0.77	0.47	0.44	-		9
10			0.89	0.40	0.56	-		10
11		0.53	-	0.34	0.59	-		11
12		0.47	-	0.32	0.50	-		12
13		0.42	1.9	0.81	0.44	-		13
14		0.40	-	-	0.42	-		14
15		0.36	-	-	0.44	-		15
16		0.36	-	-	0.44	-		16
17		0.40	-	-	0.56	-		17
18		0.34	2.4	-	-	-		18
19		0.40	1.7	3.2	-	0.59		19
20		0.40	-	1.8	1.9	1.1		20
21		0.34	-	1.4	1.4	-		21
22		0.32	-	1.2	1.7	-		22
23		0.27	-	0.98	-	2.3		23
24		0.27	0.01	0.77	-	1.9		24
25		0.47	-	0.66	1.9	1.7		25
26		0.63	-	0.56	1.6	1.5		26
27		0.44	-	0.53	1.7	1.2		27
28		0.40	-	0.47	1.5	1.1		28
29		0.47	-	0.42	1.3	1.1		29
30		1.32	2.1	0.40	1.2	1.0		30
31			1.6	0.63		1.1		31

BAXTER CREEK AT HWY 28

Station No. 02HJ102

Location: At the bridge on Hwy. 28, about 1 mile south of the Community of Fraserville.

Gauge: Measuring Point

Drainage Area: 28.9 square miles

Period of Record: April 1971 to December 1976

Remarks: Records fair. Daily gauge reader employed April 10 to October 28, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	April	May	June	July	Aug.	Sept.	Oct.	Day
1		19.4	29.8	28.8	35.0	19.4	11.4	1
2		27.7	22.5	55.0	28.2	18.7	17.9	2
3		21.3	23.4	30.9	21.7	16.5	35.7	3
4		23.4	20.6	29.3	19.1	15.0	38.6	4
5		21.3	19.1	27.2	19.4	18.7	29.8	5
6	-	25.5	28.8	25.5	18.3	20.6	22.1	6
7	-	23.4	22.5	26.1	20.6	19.4	18.3	7
8	-	21.3	19.1	19.4	51.1	15.0	16.8	8
9	-	19.4	16.5	23.8	19.4	18.7	15.7	9
10	35.7	21.3	19.1	22.5	18.3	17.2	16.8	10
11	17.6	23.4	18.3	25.5	16.5	16.5	15.7	11
12	19.4	19.4	22.5	22.1	17.2	15.7	14.2	12
13	20.9	13.8	18.3	23.4	20.6	15.0	16.5	13
14	28.2	17.6	23.4	28.2	19.4	15.7	15.7	14
15	30.9	19.4	20.9	22.5	19.1	14.2	14.2	15
16	35.7	23.4	15.0	28.2	19.4	14.6	13.0	16
17	27.7	21.3	12.5	23.4	20.2	15.4	15.4	17
18	17.6	17.6	10.0	22.9	21.3	17.9	18.3	18
19	35.7	22.5	24.6	27.2	24.6	15.7	22.1	19
20	53.1	58.4	23.4	20.9	25.5	14.6	19.4	20
21	19.4	23.4	29.8	21.7	26.1	17.9	18.3	21
22	21.3	20.6	27.2	20.9	23.4	17.2	17.6	22
23	22.5	19.1	22.5	23.4	21.3	17.9	16.8	23
24	24.2	17.6	17.2	19.4	19.4	16.5	16.5	24
25	30.9	19.1	13.8	19.1	16.5	17.2	16.1	25
26	48.2	23.4	10.8	20.9	10.8	14.2	15.4	26
27	35.0	32.0	9.5	27.2	15.7	15.4	17.6	27
28	30.9	58.4	13.8	27.2	16.5	14.6	16.8	28
29	21.3	29.8	19.4	30.9	16.8	15.4	-	29
30	23.4	23.4	22.5	27.2	19.4	13.0	-	30
31		32.0		30.9	19.1		-	31

BEAR CREEK NEAR WARWICK

13

Station No. 02GG103

Location: At the conservation area downstream of the Community of Warwick

Gauge: None

Drainage Area: 34 square miles

Period of Record: May 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	9.2	July 8	9.1	Oct. 7	18.1
		June 17	1.5	July 28	3.0	Oct. 25	7.1
				Aug. 5	2.5		
				Aug. 20	3.3		
				Aug. 26	1.2		
				Sept. 2	0.8		
				Sept.21	6.6		

BEATTY SAUGEEN RIVER NEAR HANOVER

Station No. 02FC109

Location: At the bridge on Side Road 5, Township of Bentinck, about 2 miles southeast of the Town of Hanover

Gauge: Measuring Point

Drainage Area: 93 square miles

Period of Record: May 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 9	44.4	Aug. 18	37.4	Oct. 13	44.2
				Sept. 28	69.4		

BIG CREEK NEAR STRANGFIELD

Station No. 02GE107

Location: At the concrete culvert, Concession 10,
Township of Tilbury West, about 0.25 mile
west of the Settlement of Strangfield

Gauge: Staff

Drainage Area: 20.0 square miles

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 19	123	Apr. 29	7.4	July 5	0.2	Oct. 7	3.0
		May 3	3.6	July 8	1.2	Oct. 25	0.4
		May 6	2.0	July 12	25.0	Dec. 20	1.7
		May 10	6.7	July 15	1.1		
		May 20	3.3				
		May 31	0.8				
		June 28	1.7				

BLACK CREEK NEAR OIL SPRINGS

Station No. 02GG101

Location: At the bridge on Enniskillen Twp. Road 12,
about 1.1 miles west of the Village of oil
Springs

Gauge: None

Drainage Area: 32 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 17	0.3	July 8	6.0	Oct. 7	2.9
				July 28	0.8	Oct. 25	1.1
				Aug. 5	1.8		
				Aug. 20	0.8		
				Aug. 26	0.1		
				Sept. 21	3.6		

BLACK CREEK BELOW ACTON

Station No. 02HB106

Location: At the bridge on Concession 4, Township of
Esquessing, about 1.5 miles southeast of the Town
of Acton

Gauge: On-stream recorder

Drainage Area: 10.0 square miles

Period of Record: April 1966 to December 1976

Remarks: Temporary on-stream recorder installed May 1 to
November 30, 1976. Discharge affected by
regulation.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1	14.9	6.2	17.0	7.3	6.1	9.0	9.0	1
2	15.9	5.7	7.9	6.5	4.5	7.6	10.6	2
3	13.4	5.6	7.1	5.9	4.3	6.5	13.2	3
4	11.9	5.6	6.9	5.6	4.2	5.7	12.3	4
5	11.1	5.6	7.6	5.5	3.7	7.9	11.7	5
6	17.4	5.7	5.7	5.1	3.6	4.7	10.8	6
7	44.3	5.5	12.4	4.7	4.0	6.0	9.7	7
8	30.7	5.1	22.9	5.6	4.0	4.7	9.5	8
9	19.1	5.1	14.9	6.0	4.2	5.2	9.8	9
10	14.1	4.7	9.0	5.4	5.6	5.4	9.7	10
11	13.6	4.8	8.0	5.3	4.6	6.2	9.3	11
12	14.4	4.4	8.0	5.0	4.0	6.3	9.1	12
13	13.0	4.2	7.1	7.3	4.0	5.8	9.2	13
14	11.4	4.9	6.5	7.1	4.5	11.6	9.5	14
15	10.5	4.8	6.4	7.8	4.0	5.6	9.6	15
16	16.5	5.2	8.0	7.0	4.3	4.7	9.4	16
17	12.9	5.4	7.0	6.2	10.7	4.2	9.3	17
18	12.0	5.0	6.4	5.2	50.1	4.0	9.1	18
19	10.9	5.8	6.1	5.0	37.6	4.3	8.9	19
20	10.3	5.6	6.1	4.9	25.5	8.0	8.9	20
21	9.5	5.1	7.6	4.6	17.3	9.7	8.8	21
22	15.2	5.2	6.2	4.3	16.5	10.5	9.7	22
23	14.8	5.0	5.9	4.3	13.7	11.3	9.7	23
24	6.7	5.0	5.6	4.5	9.9	12.6	9.5	24
25	6.7	7.8	5.0	4.0	8.6	16.1	9.5	25
26	5.7	8.1	5.1	4.1	8.9	17.6	11.1	26
27	5.6	12.9	4.9	5.0	8.4	15.5	13.7	27
28	5.2	8.3	4.6	5.9	7.5	14.0	14.7	28
29	4.9	9.9	7.3	5.2	6.8	12.9	13.3	29
30	5.0	19.0	6.0	4.4	7.3	11.5	12.0	30
31	6.3		7.2	4.5		10.4		31

BLACK RIVER AT CEDAR VALLEY

Station No. 02EC110

Location: At the bridge on Concession 6, Township of
Whitchurch, in the Community of Cedar Valley

Gauge: On-stream Recorder

Drainage Area: 4.4 square miles

Period of Record: June to October 1976

Remarks: Discharge affected by regulation. Temporary
on-stream recorder installed June 26 to
October 18, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			2.2	4.1	2.7	2.7		1
2			3.9	2.9	2.3	2.6		2
3			4.5	2.2	1.3	2.2		3
4			4.4	2.4	1.3	2.4		4
5			3.0	2.5	1.3	2.4		5
6			2.3	4.7	1.6	2.4		6
7			3.0	3.9	1.7	2.5		7
8			5.4	1.2	1.7	2.5		8
9			5.0	1.2	2.0	2.5		9
10			1.7	1.3	3.5	2.5		10
11			8.2	1.8	3.2	1.9		11
12			6.1	2.7	3.1	1.3		12
13			4.9	4.4	1.4	1.4		13
14			1.5	5.1	1.4	1.7		14
15			2.4	4.3	1.4	1.7		15
16			2.8	2.3	1.5	1.7		16
17			2.6	1.4	2.4	1.8		17
18			2.3	1.7	3.8	1.4		18
19			2.0	1.7	2.5	-		19
20			2.1	1.7	1.8	-		20
21			5.0	1.7	2.9			21
22			3.3	1.7	3.7			22
23			1.6	1.7	3.4			23
24			6.9	1.7	3.3			24
25			5.2	1.6	3.3			25
26		2.9	3.0	1.9	3.2			26
27		1.7	4.2	2.9	3.1			27
28		2.1	1.2	2.7	3.1			28
29		5.1	4.2	2.3	3.0			29
30		4.5	7.2	1.3	2.8			30
31			5.4	1.5				31

BLACK RIVER NEAR PINE ORCHARD

19

Station No. 02EC111

Location: At the bridge on Concession 6, Township of Whitchurch,
about 1 mile north of the Community of Pine Orchard

Gauge: On-stream recorder

Drainage Area: 5.2 square miles

Period of Record: May to October 1976

Remarks: Discharge affected by water taking for irrigation.
Temporary on-stream recorder and rectangular weir
with 2 foot crest installed May 18 to October 20, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		4.5	2.9	4.9	4.3	3.5		1
2		5.0	3.1	2.9	3.6	3.4		2
3		4.4	5.0	2.1	1.8	2.9		3
4		2.3	3.6	2.2	1.6	3.1		4
5		1.7	2.8	2.2	1.5	3.1		5
6		2.3	2.1	3.6	1.8	3.1		6
7		2.1	4.0	3.3	2.0	4.3		7
8		2.0	5.1	1.8	2.0	3.3		8
9		1.8	4.7	1.6	2.1	3.8		9
10		1.6	2.4	1.5	4.5	4.0		10
11		1.7	-	1.7	4.1	3.2		11
12		1.6	6.6	2.1	3.6	1.8		12
13		1.7	4.4	4.7	1.8	1.6		13
14		2.5	2.5	5.7	1.6	2.1		14
15		3.9	2.2	6.3	1.6	2.2		15
16	-	3.9	2.4	4.5	1.7	2.2		16
17	-	3.7	2.3	2.1	2.5	2.2		17
18	4.8	1.7	2.2	2.0	5.3	2.3		18
19	4.5	2.2	2.2	2.1	3.4	2.3		19
20	4.3	3.9	2.2	2.1	2.6	3.5		20
21	4.1	2.7	3.7	2.0	3.4			21
22	4.0	2.4	2.9	2.0	4.6			22
23	4.2	2.4	2.2	1.9	4.4			23
24	2.1	2.3	6.1	1.9	4.1			24
25	2.0	3.0	6.2	1.8	3.6			25
26	2.1	2.7	3.0	1.7	1.8			26
27	2.2	2.3	3.0	2.9	3.5			27
28	2.6	1.9	1.7	3.3	4.0			28
29	2.6	3.9	3.9	3.1	3.8			29
30	2.6	4.5	-	1.6	3.7			30
31	4.4		6.4	1.6				31

BLACK RIVER NEAR SHARON

Station No. 02EC112

Location: At the Sharon Golf Course, approximately 2 miles
southeast of the Community of Sharon

Gauge: On-stream recorder

Drainage Area: 15.3 square miles

Period of Record: June to September 1976

Remarks: Discharge affected by water taking for irrigation.
Temporary on-stream recorder installed June 3 to
September 26, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		-	5.9	-	5.0			1
2		-	7.1	-	6.4			2
3		6.6	-	-	2.9			3
4		2.6	-	-	2.2			4
5		2.2	-	-	1.8			5
6		2.1	-	4.2	1.8			6
7		1.8	-	4.0	1.9			7
8		1.9	-	2.6	1.8			8
9		1.6	-	2.2	1.8			9
10		1.7	-	2.1	4.5			10
11		1.7	-	1.9	4.5			11
12		1.6	-	2.3	3.8			12
13		1.9	-	6.5	2.2			13
14		2.8	-	9.5	1.7			14
15		3.4	-	8.9	1.6			15
16		3.7	-	9.1	1.7			16
17		3.9	-	5.4	2.5			17
18		3.4	-	3.1	9.5			18
19		1.7	-	2.6	8.0			19
20		4.6	-	2.5	5.7			20
21		7.4	-	2.2	7.1			21
22		3.6	-	2.2	8.3			22
23		2.7	-	2.1	7.6			23
24		2.5	-	1.9	6.8			24
25		2.8	-	1.7	5.1			25
26		3.0	-	1.6	2.8			26
27		2.8	-	2.4	-			27
28		2.1	-	2.7	-			28
29		4.3	-	3.2	-			29
30		6.0	-	2.0	-			30
31			-	1.6				31

BLUFFS CREEK NEAR ORILLIA

21

Station No. 02EC114

Location: At the bridge on Orillia Township Line 2,
about 0.4 mile east of Hwy. 11

Gauge: Measuring Point

Drainage Area: 11.8 square miles

Period of Record: May 1973 to December 1976

Remarks: Data prior to 1975 appears in the Summer
Gauging Site Data section of previous
bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 6	28.3	July 21	11.9	Oct. 13	8.3
		June 23	7.7	Aug. 18	8.0		
				Sept. 15	6.8		

BLYTH BROOK NEAR BLYTH

Station No. 02FE105

Location: At the bridge on Side Road 39-40,
Township of East Wawanosh, about 1.5 miles
northwest of the Village of Blyth

Gauge: Staff

Drainage Area: 19.5 square miles

Period of Record: July 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 5	4.4	Oct. 5	3.5
				July 19	2.0		
				Aug. 4	1.7		
				Aug. 23	1.2		
				Sept. 24	17.9		

BOYNE RIVER AT FLESHERTON

Station No. 02FB103

Location: At the bridge on Hwy. 10 in the Village of
Flesherton

Gauge: On-stream recorder

Drainage Area: 9.9 square miles

Period of Record: June 1975 to November 1976

Remarks: Temporary on-stream recorder and weir installed
June 19 to November 24, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			-	6.2	4.0	3.8	7.6	1
2			-	5.0	3.9	3.9	7.4	2
3			-	4.6	3.3	-	7.5	3
4			-	4.2	3.2	8.5	7.4	4
5			-	4.0	3.2	6.8	7.3	5
6			-	3.8	2.3	6.9	7.3	6
7			-	5.8	3.1	6.3	7.2	7
8			8.5	5.1	3.3	5.0	6.9	8
9			7.9	4.6	2.9	4.2	6.8	9
10			7.6	4.1	3.8	3.3	6.7	10
11			-	3.6	4.3	2.8	6.5	11
12			-	-	3.8	3.3	6.2	12
13			7.3	4.8	3.6	3.2	6.2	13
14			6.5	4.5	3.4	3.6	-	14
15			6.4	5.6	3.6	3.2	-	15
16		-	7.1	4.7	3.8	3.4	-	16
17		-	6.2	4.1	6.4	3.7	-	17
18		-	5.6	3.8	-	3.9	-	18
19		5.0	5.6	4.1	-	3.6	7.5	19
20		4.9	5.6	4.3	-	4.7	6.8	20
21		4.7	5.5	4.0	-	5.4	6.2	21
22		4.9	5.0	3.7	-	6.9	6.2	22
23		4.7	5.0	3.5	6.3	7.6	-	23
24		4.5	4.9	3.4	5.8	7.4	6.4	24
25		4.5	4.6	3.4	5.0	7.6	6.0	25
26		4.2	4.4	3.4	5.0	8.2		26
27		4.8	2.5	3.5	4.7	8.2		27
28		5.1	3.3	3.5	3.8	7.5		28
29		6.7	-	3.5	3.9	7.3		29
30		7.0	7.0	3.3	4.2	7.3		30
31			-	2.9		7.5		31

BROWN CREEK NEAR WATFORD

Station No. 02GA105

Location: At the bridge on the Warwick-Brooke Township Line, about 1 mile southeast of the Village of Watford

Gauge: None

Drainage Area: 6.4 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	1.3	July 8	1.4	Oct. 7	24.9
		June 17	0.3	July 28	0.3	Oct. 25	1.8
				Aug. 5	0.5		
				Aug. 20	0.7		
				Aug. 26	N.F.		
				Sept. 2	N.F.		
				Sept. 21	2.7		

CATFISH CREEK AT GLENCOLIN

25

Station No. 02GC112

Location: At the bridge on Elgin County Road 30 in
the Community of Glencolin

Gauge: None

Drainage Area: 33 square miles

Period of Record: July to November 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 7	9.6	Oct. 7	5.5
				July 22	5.4	Nov. 5	6.1
				Aug. 6	8.4		
				Aug. 25	3.5		
				Sept. 8	2.6		

CATFISH CREEK NEAR ORWELL

Station No. 02GC110

Location: At the bridge on Hwy. 3, about 0.5 mile
east of the Community of Orwell

Gauge: None

Drainage Area: 52 square miles

Period of Record: May 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 8	12.3	Oct. 7	11.3
				July 22	9.5	Nov. 5	23.9
				Aug. 6	14.3		
				Aug. 25	6.0		
				Sept. 8	4.6		

Station No. 02GA111

Location: At the south side of Hwy. 401, upstream of the eastbound lane, about 0.5 mile east of the Roseville Road overpass

Gauge: Staff

Drainage Area: 4.1 square miles

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 27	0.8	Apr. 27	4.7	Sept. 27	0.5	Oct. 4	0.4
				Sept. 29	0.5	Oct. 6	0.2
						Oct.14	0.5
						Oct.18	0.4
						Oct.20	0.7
						Oct.28	0.6
						Nov. 1	0.7
						Nov. 3	0.2
						Nov.10	0.5
						Nov.24	0.2
						Nov.25	0.4
						Nov.29	0.3

CEDAR CREEK AT HWY. 401

Station No. 02GA112

Location: At the north side of Hwy. 401 adjacent to the westbound lane, about 0.5 mile west of the Roseville Road overpass

Gauge: Staff

Drainage Area: 4.6 square miles

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb.25	4.9	Apr.27	4.8	Aug.4	1.1	Nov.1	1.4
Feb.26	7.7	June 3	2.1	Sept.27	1.5	Nov.3	1.0
				Sept.29	1.2	Nov.10	1.1
				Oct.4	0.6	Nov.17	1.1
				Oct.6	1.0	Nov.24	0.9
				Oct.13	0.9	Nov.29	1.4
				Oct.18	0.8	Dec.1	1.1
				Oct.20	1.5	Dec.8	1.1
				Oct.28	1.1	Dec.13	0.4
						Dec.15	0.8
						Dec.17	0.9
						Dec.23	0.5

Location: At the concrete culvert on Norfolk County
Road 9, in the Hamlet of Clear Creek

Drainage Area: 27.4 square miles

Period of Record: April 1967 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 19	195	May 13	34.8	July 22	8.2		
Mar. 10	78.1	June 30	24.8	Aug. 18	8.7		

COBOURG BROOK AT COBOURG

Station No. 02HD103

Location: At the bridge adjacent to the WPCP in the
Town of Cobourg

Gauge: Wire Weight

Drainage Area: 48.7 square miles

Period of Record: July 1966 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 9	35.9	July 28	25.4	Nov.23	30.8
				Aug. 25	22.7		
				Sept.21	46.1		

Station No. 02HD102

Location: At the bridge in the Hamlet of Lakeport on the road leading to the Village of Colborne

Gauge: Staff

Drainage Area: 17.0 square miles

Period of Record: July 1966 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 9	10.1	July 28	6.8		
				Aug. 25	10.8		
				Sept. 21	12.0		

DICKINSON CREEK NEAR GLENBURN

Station No. 02LB103

Location: At the bridge on Prescott County Road 1, about
1 mile southwest of the Community of Glenburn.

Gauge: On-stream recorder

Drainage Area: 13.9 square miles

Period of Record: May to November 1976

Remarks: Records good. Temporary on-stream recorder
installed May 27 to November 16, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		5.2	9.3	2.9	4.3	4.3	26.0	1
2		4.8	9.9	2.8	4.2	3.8	20.5	2
3		4.5	7.3	2.8	3.6	3.6	18.1	3
4		4.7	6.3	2.8	3.3	3.5	18.1	4
5		3.8	4.7	2.8	3.3	3.6	13.8	5
6		3.7	4.2	3.1	3.2	4.1	10.9	6
7		3.5	3.6	2.9	3.0	3.9	9.2	7
8		3.8	5.1	4.1	3.0	4.9	8.5	8
9		4.4	3.7	10.6	3.0	5.1	8.3	9
10		3.9	3.4	5.3	3.4	40.0	7.4	10
11		4.7	3.5	4.1	3.3	20.0	6.6	11
12		5.6	27.0	3.7	3.2	11.9	6.7	12
13		4.5	11.7	3.7	3.6	8.9	6.5	13
14		4.8	10.0	3.6	3.0	7.4	6.5	14
15		7.0	6.8	3.7	3.0	6.4	7.0	15
16		7.0	5.8	4.4	3.0	5.7	6.7	16
17		12.3	8.1	3.8	3.0	5.6	-	17
18		6.2	5.5	3.3	3.8	5.2	-	18
19		5.7	4.3	3.1	3.3	5.6	-	19
20		35.0	3.8	3.1	5.5	4.6	-	20
21		22.5	3.5	3.1	13.6	45.0		21
22		10.7	3.3	3.0	6.8	30.0		22
23		8.3	3.2	3.0	5.7	18.0		23
24		5.6	3.1	2.9	5.6	12.2		24
25		8.6	3.1	2.9	5.1	10.2		25
26	-	13.4	3.1	2.8	4.9	8.8		26
27	8.1	7.9	3.0	2.9	8.1	7.7		27
28	6.7	7.7	3.0	3.4	6.8	7.0		28
29	5.8	7.5	3.0	3.9	5.5	6.9		29
30	5.4	5.4	3.0	2.9	4.6	7.0		30
31	5.2		3.0	2.9		14.0		31

Station No. 02HA101

Location: At the bridge on Lakeshore Road, about
1.5 miles east of the City of St. Catharines

Gauge: Staff

Drainage Area: 3.9 square miles

Period of Record: August 1966 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	14.5	July 27	0.5		
		June 29	1.8	Aug. 25	0.3		

FAIRCHILD CREEK NEAR ST. GEORGE

Station No. 02GB101

Location: Approximately 1000 feet upstream of Brant
County Suburban Road 33, about 1 mile south
of the Police Village of St. George

Gauge: Staff

Drainage Area: 31.5 square miles

Period of Record: July 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 13	45.4	May 12	48.5	July 14	3.1		
		May 26	9.4	Aug. 5	3.6		
		May 31	4.9	Aug. 11	3.4		
		June 11	3.8	Aug. 16	12.6		
		June 18	2.9	Aug. 26	2.9		
		June 25	62.5				

FOX CREEK NEAR OIL CITY

35

Station No. 02GG102

Location: At the bridge on Side Road 12, Township of Enniskillen, about 1 mile southwest of the Community of Oil City

Gauge: None

Drainage Area: 20.7 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	N.F.	July 8	N.F.	Oct. 25	0.4
		June 17	N.F.	July 28	N.F.		
				Aug. 5	N.F.		
				Aug. 20	N.F.		
				Aug. 26	N.F.		
				Sept. 2	N.F.		
				Sept. 21	1.3		

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 9	4.6	July 28	3.8		
				Aug. 25	1.5		
				Sept. 21	5.0		

GRAHAM CREEK AT NEWCASTLE

37

Station No. 02HD105

Location: At the concrete bridge on Mill Street,
about 0.5 mile south of Hwy. 401 in the
Village of Newcastle

Gauge: Staff

Drainage Area: 33.3 square miles

Period of Record: November 1965 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 11	9.6	July 30	21.5	Oct. 1	8.2
				Aug. 9	8.6		
				Aug. 17	6.3		
				Aug. 24	4.6		

HAGGERTY CREEK AT NEWBURY STATION

Station No. 02GG100

Location: At the bridge on Middlesex County Road
1 at Newbury Station about 1.5 miles
northwest of the Village of Newbury

Gauge: None

Drainage Area: 3.3 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	8.3	July 8	5.5	Oct. 7	5.1
		June 17	1.7	July 28	1.0	Oct. 25	7.7
				Aug. 20	1.2		
				Aug. 26	0.5		
				Sept. 2	0.3		
				Sept. 21	2.2		

HESS CREEK NEAR WINCHESTER SPRINGS

39

Station No. 02LB110

Location: At the bridge on Concession 2, Township of Winchester,
about 1 miles northeast of the Police Village of
Winchester Springs.

Gauge: On-stream recorder

Drainage Area: 27.2 square miles

Period of Record: May to September 1976

Remarks: Records good. Temporary on-stream recorder installed
May 28 to September 12, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		3.0	5.1	0.1	0.9			1
2		2.9	4.2	0.1	1.9			2
3		2.6	4.2	0.2	4.2			3
4		2.3	4.5	0.1	4.0			4
5		2.1	4.5	0.1	2.4			5
6		2.0	3.8	0.1	1.4			6
7		2.0	2.7	0.1	0.9			7
8		2.0	2.0	0.1	0.6			8
9		2.3	1.8	0.2	0.4			9
10		2.6	2.7	0.1	0.3			10
11		2.5	2.5	0.1	0.4			11
12		2.7	1.7	0.1	0.5			12
13		2.8	1.3	0.3	0.5			13
14		2.8	1.4	1.4	-			14
15		2.7	1.5	6.5	-			15
16		2.8	1.8	11.5				16
17		3.0	2.5	15.0				17
18		3.2	2.8	11.5				18
19		3.6	1.8	5.0				19
20		5.0	1.2	2.7				20
21		12.0	0.9	1.5				21
22		10.5	0.7	1.0				22
23		7.4	0.6	0.6				23
24		6.0	0.4	0.3				24
25		5.0	0.3	0.1				25
26	-	4.5	0.2	0.0				26
27	-	5.5	0.2	0.0				27
28	4.2	8.2	0.2	0.0				28
29	3.4	8.3	0.1	0.1				29
30	2.9	8.5	0.1	0.2				30
31	2.8		0.1	0.5				31

HILLMAN CREEK NEAR LEAMINGTON

Station No. 02GA104

Location: At the bridge on Side Road 15, Township
of Mersea, about 2 miles east of the Town
of Leamington

Gauge: Staff

Drainage Area: 12.0 square miles

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 10	1.4	Apr. 22	2.3	July 5	1.1	Oct. 7	3.4
Feb. 13	100	Apr. 26	29.7	July 8	1.3	Oct. 21	1.1
Feb. 19	36.4	Apr. 29	7.8	July 12	3.8	Oct. 25	2.0
Mar. 9	10.7	May 3	4.5	July 15	1.0	Nov. 4	1.2
		May 6	3.5	July 19	0.7	Nov. 8	1.0
		May 10	6.6	July 22	1.1	Nov. 18	0.7
		May 17	5.0	July 29	0.7	Nov. 22	0.7
		May 20	2.9	Aug. 5	0.2	Dec. 6	0.6
		May 27	1.8	Aug. 9	0.5	Dec. 16	0.5
		May 31	2.8	Aug. 12	0.4	Dec. 20	1.9
		June 3	1.3	Aug. 16	0.4		
		June 7	0.8	Aug. 19	0.2		
		June 10	0.3	Aug. 26	0.2		
		June 14	0.3	Aug. 30	0.1		
		June 17	0.4	Sept. 2	0.2		
		June 24	0.7				
		June 28	2.2				

41

Location: At the road bridge 1.5 miles north of the Village of Port Stanley

Drainage Area: 151 square miles

Period of Record: July 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 8	43.4	Oct. 7	91.4
				Aug. 26	24.1	Nov. 5	63.8
				Sept. 8	13.3	Nov. 18	44.5

KIRBY CREEK NEAR CHESTERVILLE

Station No. 02LB108

Location: At the bridge on Hwy. 43, about 1 mile southeast of the Village of Chesterville.

Gauge: On-stream recorder

Drainage Area: 20.4 square miles

Period of Record: June to December 1976

Remarks: Records fair. Temporary on-stream recorder installed June 17 to November 8, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			5.3	0.9	2.8	4.4	24.0	1
2			5.0	0.7	9.2	3.9	17.3	2
3			6.4	0.5	5.8	3.4	14.9	3
4			8.3	0.3	4.1	3.0	13.4	4
5			6.3	0.2	3.3	2.7	13.1	5
6			4.6	0.2	2.7	2.5	12.0	6
7			3.6	0.1	2.3	2.4	10.7	7
8			3.2	0.2	2.0	2.3	10.2	8
9			3.2	0.4	1.8	2.9	-	9
10			-	0.4	1.9	30.0	-	10
11			-	0.3	2.6	18.0		11
12			-	0.3	2.7	13.0		12
13			-	4.0	2.4	10.0		13
14			-	10.8	4.3	7.3		14
15			-	8.1	2.2	6.8		15
16		3.6	-	14.2	1.7	6.2		16
17		5.6	-	9.8	1.5	6.2		17
18		5.3	-	6.6	1.6	6.2		18
19		4.6	-	4.7	1.5	5.8		19
20		8.7	3.2	3.7	3.2	5.8		20
21		10.6	3.3	3.0	7.6	28.0		21
22		9.1	3.0	2.4	6.2	22.0		22
23		7.8	2.2	1.9	5.8	18.0		23
24		6.4	1.8	1.4	6.5	15.1		24
25		6.1	1.3	1.1	5.4	14.2		25
26		6.8	1.0	1.0	4.1	13.7		26
27		9.8	0.9	0.9	13.0	12.3		27
28		8.9	0.8	0.8	12.3	11.4		28
29		6.7	0.7	1.1	8.2	10.9		29
30		5.6	0.8	1.5	5.8	10.3		30
31			0.9	1.1		16.6		31

LITTLE AUSABLE RIVER NEAR CENTRALIA

43

Station No. 02FF102

Location: At the bridge on Concession 5, Township of
Usborne, about 3 miles east of the Village
of Centralia

Gauge: Staff

Drainage Area: 26.6 square miles

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 15	40.9	Apr. 15	9.7	July 9	3.3	Oct. 1	3.0
Feb. 20	300	Apr. 23	8.1	July 16	56.7	Oct. 8	4.5
Mar. 6	463	May 14	15.3	July 23	26.1	Oct. 15	2.4
Mar. 11	41.7	May 21	8.8	July 30	25.4	Oct. 22	10.3
Mar. 20	248	May 28	5.1	Aug. 6	4.2	Oct. 29	4.0
		June 4	5.6	Aug. 13	4.3	Oct. 29	4.0
		June 11	3.0	Aug. 20	11.1	Nov. 5	4.8
		June 18	1.6	Aug. 27	3.0	Nov. 19	30.9
		June 25	3.4	Sept. 3	1.4	Dec. 10	8.1
				Sept. 10	1.7	Dec. 17	8.5
				Sept. 20	5.9		
				Sept. 24	7.1		

LITTLE MILL CREEK NEAR NORTH BRUCE

Station No. 02FC103

Location: At the bridge on Side Road 10-11, Township
of Bruce about 2 miles southeast of the
Community of North Bruce

Gauge: Staff

Drainage Area: 16.9 square miles

Period of Record: May 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 5	12.3	June 21	N.F.	July 12	N.F.	Oct. 7	3.1
Feb. 20	21.2			July 22	N.F.	Oct. 18	N.F.
Mar. 21	287			Aug. 26	N.F.	Oct. 21	0.3
Mar. 22	112			Sept. 30	N.F.	Oct. 25	3.6
Mar. 23	52.1					Oct. 28	2.6
						Nov. 8	1.6
						Dec. 9	9.7
						Dec. 20	9.4

LUCKNOW RIVER NEAR LUCKNOW

Station No. 02FD102

Location: At the bridge on Huron County Road 27,
about 1.5 miles below the Hamlet of Lucknow

<u>Gauge:</u>	Measuring Point
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
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29	29
30	30
31	31
32	32
33	33
34	34
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80	80
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82	82
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86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Drainage Area: 48.7 square miles

Period of Record: January 1969 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 30	105	July 5	43.2	Oct. 5	14.3
		June 1	51.0	July 19	15.9	Nov. 2	24.5
		June 14	20.8	Aug. 4	17.7		
				Aug. 23	10.9		

Location: At the bridge on Huron County Road 30, 1.5 miles north of the Village of Fordwich

Drainage Area: 21.8 square miles

Period of Record: April 1975 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 5	33.7	June 14	14.3	July 12	13.5	Oct. 4	9.2
Feb. 19	95.3	June 21	13.7	July 26	11.8	Oct. 14	13.4
Feb. 26	82.8			Aug. 17	10.1	Nov. 4	11.3
Mar. 21	743			Sept. 13	10.7	Nov. 28	10.7
Mar. 23	186			Sept. 30	10.5	Dec. 6	16.3
						Dec. 20	15.9

MAYHEW CREEK NEAR TRENTON

Station No. 02HK109

Location: At the bridge on Side Road 14-15, Township of Murray,
about 2.5 miles west of the Town of Trenton

Gauge: On-stream recording

Drainage Area: 4.7 square miles

Period of Record: July 1973 to October 1976

Remarks: Records good. Temporary on-stream recorder
installed June 15 to October 14, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			6.6	6.7	2.5	3.4		1
2			6.9	3.8	2.3	3.0		2
3			5.1	3.0	2.2	2.5		3
4			4.4	2.5	2.0	1.6		4
5			-	1.9	2.0	1.7		5
6				1.7	1.6	1.5		6
7				1.5	2.9	2.3		7
8				2.5	2.3	4.1		8
9				2.9	1.7	3.9		9
10				2.5	2.7	9.1		10
11				2.1	3.5	5.2		11
12				2.1	2.3	4.2		12
13				2.8	1.4	3.2		13
14				2.9	1.3	3.0		14
15		2.5		2.6	1.6	-		15
16		2.8		2.2	1.8			16
17		3.5		2.0	2.4			17
18		2.7		1.8	6.8			18
19		3.0		1.6	4.5			19
20		3.9		1.7	3.1			20
21		2.9	-	1.6	4.1			21
22		3.7	-	1.6	5.7			22
23		3.1	-	1.6	4.0			23
24		2.6	3.0	1.6	3.4			24
25		6.9	2.7	1.5	2.6			25
26		5.5	2.2	1.3	2.2			26
27		8.8	2.1	1.5	5.3			27
28		3.7	2.0	1.6	3.8			28
29		3.1	2.9	1.9	2.8			29
30		3.4	4.2	1.5	3.0			30
31			4.5	1.5				31

Station No. 02FE103

Location: At the bridge on Huron County Road 12, in the Village of Brussels

Gauge: None

Drainage Area: 220 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				July 5	66.8	Oct. 5	17.1
				July 19	12.7		
				Aug. 4	11.5		
				Aug. 23	7.9		

Station No. 02GD106

Location: At the bridge on Side Road 10-11, Township of East Nissouri, about 3.5 miles southwest of the Village of Embro

Gauge: Staff

Drainage Area: 12.5 square miles

Period of Record: March 1974 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 4	16.1	Apr. 14	6.2	July 9	2.3	Oct. 1	2.5
Feb. 11	15.8	Apr. 23	4.4	July 16	7.2	Oct. 8	7.2
Feb. 17	77.9	Apr. 30	11.5	July 30	15.9	Oct. 15	4.5
Mar. 5	830	May 7	99.5	Aug. 6	1.1	Oct. 22	10.4
Mar. 6	112	May 14	10.0	Aug. 13	2.4	Oct. 29	5.8
Mar. 20	156	May 21	5.2	Aug. 20	4.6	Nov. 5	5.9
		May 28	3.3	Aug. 27	2.0	Nov. 19	6.6
		June 4	2.6	Sept. 3	1.6	Dec. 10	9.3
		June 11	0.3	Sept. 10	4.3	Dec. 17	9.1
		June 18	0.5	Sept. 20	4.0		
		June 25	2.6	Sept. 24	3.0		

MOUNT ALBERT CREEK NEAR MOUNT ALBERT

51

Station No. 02EC113

Location: At the bridge on Queensville Side Road, about
2.5 miles north of the Police Village of Mount Albert

Gauge: On-stream recorder

Drainage Area: 24.3 square miles

Period of Record: July 1970 to December 1976

Remarks: Records fair. Temporary on-stream recorder
installed July 10 to November 15, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				22.2	13.7	14.1	20.7	1
2				15.5	15.0	13.7	18.2	2
3				13.1	12.5	13.5	18.6	3
4				12.3	13.0	13.0	16.7	4
5				12.2	12.3	12.9	16.3	5
6			-	12.0	11.8	13.6	16.1	6
7			-	11.5	11.4	25.6	16.2	7
8			-	11.4	12.1	21.1	16.6	8
9			-	11.7	12.0	19.9	15.8	9
10			15.4	11.8	14.2	31.6	16.4	10
11			37.4	11.4	15.6	25.5	16.7	11
12			28.5	15.0	13.9	21.4	16.0	12
13			19.0	29.2	12.3	18.6	16.4	13
14			15.1	54.3	11.8	18.9	16.1	14
15			15.1	46.0	11.7	19.0	15.9	15
16			13.9	28.8	11.2	17.3		16
17			13.0	17.0	12.1	16.4		17
18			12.4	13.5	31.5	15.8		18
19			11.8	12.6	24.8	15.3		19
20			11.7	12.2	27.1	17.9		20
21			13.1	11.8	25.2	28.2		21
22			12.2	11.5	21.1	28.0		22
23			12.7	11.3	22.7	27.6		23
24			32.4	11.0	20.0	22.7		24
25			17.7	10.9	17.0	22.4		25
26			13.3	10.7	15.8	20.8		26
27			11.9	10.8	19.9	18.0		27
28			11.3	11.5	17.6	17.3		28
29			18.6	12.1	15.5	18.7		29
30			39.5	11.6	14.3	16.4		30
31			22.5	11.3		18.0		31

NORTH BRANCH CREEK AT EMBRO

Station No. 02GD107

Location: At the bridge on Oxford County Road 6, about 0.1 mile north of the Canadian Pacific Railway Bridge, in the Village of Embro

Gauge: Measuring point

Drainage Area: 30 square miles

Period of Record: July 1975 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 2	12.3	July 7	6.9	Oct. 15	17.3
				July 22	50.6	Nov. 4	24.4
				Aug. 6	9.9	Nov. 17	20.7
				Aug. 25	13.8		
				Sept. 16	10.9		

53

Location: At the bridge on Patterson Road, Township of West Lincoln, about 1.5 miles southeast of the Community of Smithville

Gauge: Staff

Period of Record: March 1975 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Feb. 20	52.4	May 13	11.0	July 27	N.F.	Dec. 21	2.3
Feb. 25	54.0	June 30	5.9				

NOTTAWASAGA RIVER TRIBUTARY NEAR RELESSEY

Station No. 02ED108

Location: At the county road at the west side of lot 20
Concession 8, Township of Mono, about 2 miles
east of the community of Relessey.

Gauge: On-stream recorder

Drainage Area: 0.3 square mile

Period of Record: July to October 1976

Remarks: Temporary on-stream recorder and 120 degree v-notch
weir installed July 12 to October 6, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				-	0.56	0.47		1
2				-	0.41	0.47		2
3				0.41	0.41	0.47		3
4				0.44	0.44	0.47		4
5				-	0.41	0.47		5
6				-	0.39	0.47		6
7				-	0.39	-		7
8				-	0.39	-		8
9				0.47	0.39	-		9
10				0.44	0.53	-		10
11			-	0.41	0.44			11
12			0.44	0.53	0.41			12
13			0.44	0.77	0.39			13
14			0.41	0.50	0.39			14
15			0.41	0.66	0.41			15
16			0.41	0.44	0.44			16
17			0.41	0.41	2.20			17
18			0.39	0.41	0.63			18
19			0.36	-	0.53			19
20			0.36	-	-			20
21			0.53	-	-			21
22			0.41	-	0.59			22
23			0.41	-	0.63			23
24			0.39	0.53	0.56			24
25			0.36	0.41	0.53			25
26			0.36	-	0.59			26
27			0.39	-	0.56			27
28			0.39	-	0.53			28
29			0.39	-	0.53			29
30			1.30	0.39	0.50			30
31			-	0.39				31

Station No. 02FC108

Location: At the Otter Creek Conservation Area in the Village of Mildmay

Gauge: None

Drainage Area: 14.8 square miles

Period of Record: June to December 1975

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 29	39.1	Sept. 29	10.3		
		May 12	32.0	Oct. 25	15.4		
		June 9	18.5				

PRINGLE CREEK AT WHITBY

Station No. 02HD108

Location: At the old steel bridge below Victoria Street East,
in the Town of Whitby

Gauge: Staff

Drainage Area: 8.3 square miles

Period of Record: July 1966 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 7	9.8	Aug. 9	8.5		
				Aug. 17	8.6		
				Aug. 24	6.7		

57

Location: At the bridge on Barton Street in the City of Hamilton

Drainage Area: 20.4 square miles

Period of Record: May 1968 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 30	23.9	May 4	10.5	July 14	2.0		
		June 11	3.1	Aug. 11	2.7		
		June 18	2.4	Aug. 16	4.5		

Location: At the culvert on Side Road 100, Township of Glenelg,
about 0.3 mile southwest of the Village of Markdale.

Drainage Area: 35.6 square miles

Period of Record: July 1967 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 7	49.4	July 28	36.0	Oct. 13	30.8
				Aug. 18	43.0		

Location: About 200 feet upstream from the bridge on Blyth Road, approximately 1.5 miles southeast of the Village of Colborne

Drainage Area: 3.5 square miles

Period of Record: November 1965 to December 1976

Remarks: Records fair

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 9	6.7	July 28	6.0		
				Aug. 25	4.8		
				Sept. 21	8.0		

SAUBLE RIVER NEAR ALLENFORD

Station No. 02FA100

Location: At the side of Hwy. 21, about 0.3 mile west of the Police Village of Allenford

Gauge: Measuring Point

Drainage Area: 113 square miles

Period of Record: May 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 29	72.6	Aug. 19	16.8	Oct. 26	58.9
		May 11	97.3	Sept. 28	28.8		
		June 8	25.7				
		June 29	32.7				

SAUBLE RIVER AT TARA

61

Station No. 02FA101

Location: At the bridge on the Main Street in the Village of Tara

Gauge: None

Drainage Area: 81 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 29	47.7	Aug. 18	13.4	Oct. 13	17.4
		May 11	70.5	Sept. 28	22.2	Oct. 26	48.2
		June 8	24.1				
		June 29	29.3				

SAUGEEN RIVER NEAR PRICEVILLE

Station No. 02FC110

Location: At the bridge on Concession 2, Township of Glenelg,
about 1.5 miles southeast of the Police Village of
Priceville

Gauge:	Measuring Point
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
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41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
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66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Drainage Area: 89 square miles

Period of Record: May 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 7	15.5	July 28	10.5	Oct. 12	20.8
		June 29	23.0	Sept. 27	35.7		

SHARPES CREEK NEAR BENMILLER

63

Station No. 02FE104

Location: At the bridge on Concession 5-6, Township of Colborne, about 2 miles north of the Community of Benmiller

Gauge: None

Drainage Area: 19.9 square miles

Period of Record: July 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 1	13.4	July 5	10.0	Oct. 5	3.1
		June 14	6.8	July 19	6.4		
				Aug. 4	6.3		
				Aug. 23	4.5		

SIX MILE CREEK NEAR ST. CATHARINES

Station No. 02HA102

Location: At the culvert on Lakeshore Road, about 2.5 miles east of the City of St. Catharines

Gauge: Staff

Drainage Area: 8.1 square miles

Period of Record: September 1966 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	10.4	July 27	0.1		
		June 29	9.7	Aug. 25	N.F.		

SOUTH CASTOR RIVER AT KENMORE

65

Station No. 02LB105

Location: At the bridge on Ottawa-Carlton Regional Road 29,
in the Community of Kenmore.

Gauge: On-stream recorder

Drainage Area: 70.2 square miles

Period of Record: July to September 1976

Remarks: Records fair. Temporary on-stream recorder
installed July 1 to September 4, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			11.1	5.2	5.0			1
2			10.0	5.6	5.7			2
3			14.2	5.2	6.0			3
4			25.0	4.9	-			4
5			17.5	4.7	-			5
6			12.6	4.6				6
7			10.1	4.3				7
8			8.9	4.5				8
9			11.6	4.8				9
10			12.1	4.8				10
11			9.8	4.6				11
12			8.9	4.4				12
13			8.6	4.9				13
14			8.4	13.0				14
15			8.9	12.2				15
16			8.8	10.1				16
17			11.1	9.2				17
18			14.9	8.0				18
19			12.2	6.8				19
20			10.0	6.2				20
21			8.7	5.8				21
22			8.1	5.5				22
23			7.4	5.2				23
24			6.7	5.0				24
25			6.3	4.8				25
26			5.9	4.7				26
27			5.5	4.7				27
28			5.4	4.7				28
29			5.2	4.8				29
30			5.1	4.8				30
31			5.1	4.8				31

SOUTH INDIAN CREEK NEAR LIMOGES

Station No. 02LB109

Location: At the bridge on Russel County Road 5, about
2 miles northeast of the Community of Limoges.

Gauge: On-stream recorder

Drainage Area: 27.6 square miles

Period of Record: May to November 1976

Remarks: Records fair. Temporary on-stream recorder
installed May 27 to November 12, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		13.4	8.5		-	5.9	23.0	1
2		10.0	7.8		-	6.9	16.7	2
3		8.6	9.8		-	6.2	14.9	3
4		8.0	9.1		-	5.6	14.5	4
5		7.1	6.9		-	4.7	13.1	5
6		7.0	-		-	4.1	12.0	6
7		7.0	-		-	5.0	11.6	7
8		6.8	-		-	5.3	10.6	8
9		13.3	-		-	15.1	8.8	9
10		9.6	-		-	23.4	9.5	10
11		10.4	-		-	13.1	9.8	11
12		13.9	-		-	9.1	10.1	12
13		10.1	-		-	8.1	-	13
14		9.4	-		-	7.9	-	14
15		9.6	-		-	7.3	-	15
16		10.0	-		-	7.0		16
17		15.0	-		-	6.2		17
18		10.6	-		-	7.6		18
19		11.3	-		-	7.4		19
20		-	-		8.4	7.6		20
21		-	-		9.5	26.7		21
22		39.0	-		7.7	26.8		22
23		25.7	-		8.4	17.4		23
24		16.7	-		7.2	12.2		24
25		14.3	-		6.8	11.5		25
26	-	12.4	-		6.7	10.8		26
27	19.6	10.8	-		9.0	10.0		27
28	13.1	9.7	-		7.6	9.2		28
29	10.8	10.7	-		7.1	9.2		29
30	9.7	10.1	-		6.6	9.0		30
31	9.6		-			13.2		31

SOUTH NATION RIVER TRIBUTARY AT INKERMAN

67

Station No. 02LB107

Location: At the bridge on Dundas County Road 3, in the Community of Inkerman.

Gauge: On-stream recorder

Drainage Area: 51.9 square miles

Period of Record: July to September 1976

Remarks: Records good. Temporary on-stream recorder installed June 1 to September 13, 1976.

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1		30.0	9.9	7.9	4.7			1
2		25.6	8.6	33.6	5.1			2
3		19.0	8.5	21.8	6.5			3
4		14.1	7.0	12.7	6.1			4
5		12.4	7.1	9.7	5.8			5
6		11.3	7.6	8.0	6.0			6
7		10.4	7.1	6.7	7.1			7
8		9.9	6.3	6.3	6.0			8
9		11.7	5.9	5.9	5.7			9
10		12.3	5.3	6.3	5.5			10
11		9.1	5.0	6.0	6.0			11
12		9.0	4.5	5.4	6.9			12
13		8.6	5.8	5.3	8.1			13
14		7.7	8.9	6.5	-			14
15		7.5	10.5	21.4	-			15
16		8.3	11.1	63.5				16
17		7.6	14.8	80.0				17
18		6.8	23.6	56.0				18
19		6.2	18.8	40.4				19
20		6.7	12.6	29.8				20
21		6.4	9.3	21.4				21
22		9.2	8.0	14.0				22
23		8.4	6.6	10.9				23
24		7.3	5.6	8.6				24
25		6.8	4.9	7.3				25
26		6.3	4.5	6.4				26
27		7.0	4.2	5.6				27
28		11.3	4.0	5.1				28
29		18.0	3.9	4.9				29
30		13.6	4.1	4.3				30
31			4.9	4.0				31

SOUTH PINE RIVER NEAR RIPLEY

Station No. 02FD106

Location: At the bridge on Concession 5-6, Township of Huron,
about one mile southwest of the Village of Ripley

Gauge: None

Drainage Area: 11.8 square miles

Period of Record: June 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 30	9.2	July 5	3.4	Oct. 5	<0.5
		May 18	23.0	July 19	<0.5	Oct. 19	1.1
				Aug. 4	0.7	Nov. 2	3.7
				Aug. 23	<0.5		

SOUTH SAUGEEN RIVER NEAR MOUNT FOREST

69

Station No. 02FC111

Location: At the bridge on Side Road 1, Township of Arthur,
about 0.6 mile southwest of the Town of Mount
Forest

Gauge: Measuring Point

Drainage Area: 140 square miles

Period of Record: May 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging
Site Data section of previous bulletins in this
series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 7	37.3	July 28	28.4	Oct. 12	41.0
		June 28	27.6	Aug. 18	70.9		
				Sept. 27	94.5		

SOUTH THAMES RIVER NEAR INNERKIP

Station No. 02GD105

Location: At the bridge on Concession 6, Township of Blandford, about 0.5 mile southeast of the Police Village of Innerkip

Gauge: Measuring point

Drainage Area: 62.0 square miles

Period of Record: June 1972 to December 1976

Remarks: Records good

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 19	30.0	July 7	7.1	Oct. 15	19.4
		June 2	18.3	July 22	28.7	Nov. 4	32.0
				Aug. 6	8.4	Nov. 17	28.0
				Aug. 25	14.3		

SPEY RIVER NEAR CHATSWORTH

71

Station No. 02FB104

Location: At the culvert on Hwys. 6 and 10, about 0.7 mile north of the Village of Chatsworth

Gauge: None

Drainage Area: 15.3 square miles

Period of Record: May 1975 to December 1976

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 28	21.0	Aug. 18	10.3	Oct. 13	12.1
		May 10	23.0	Sept. 28	16.0		
		June 8	8.8				
		June 29	22.5				

SYDENHAM RIVER TRIBUTARY BELOW STRATHROY

Station No. 02GG104

Location: At the bridge on Middlesex County Road 2, about 1 mile west of the Hamlet of Cairngorm

Gauge: None

Drainage Area: 37 square miles

Period of Record: July 1968 to December 1976

Remarks: Data prior to 1975 appears in the Summer Gauging Site Data section of previous bulletins in this series

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	15.8	July 8	17.2	Oct. 7	26.9
		June 17	9.6	July 28	18.0	Oct. 25	28.4
				Aug. 5	19.4		
				Aug. 20	16.2		
				Aug. 26	11.7		
				Sept. 2	9.1		
				Sept. 21	26.2		

TAY RIVER AT PERTH

73

Station No. 02LA101

Location: At the bridge on Rogers Road in the
Town of Perth

Gauge: Staff

Drainage Area: 257 square miles

Period of Record: April 1971 to November 1975

1976							
Jan. to March		April to June		July to Sept.		Oct. to Nov.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs

THAMES RIVER NEAR TAVISTOCK

75

Station No. 02GD101

Location: Above the bridge on Hwy. 59, about 0.5 mile
south of the Village of Tavistock.

Gauge: On-stream recorder

Drainage Area: 13.4 square miles

Period of Record: 1971, June to November 1976

Remarks: Temporary on-stream recorder installed June 25
to November 21, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			1.2	2.4	0.67	1.7	5.1	1
2			0.91	1.6	0.67	1.5	4.4	2
3			0.76	1.2	0.58	1.3	4.2	3
4			0.72	0.96	0.54	1.2	3.8	4
5			0.63	0.81	0.54	1.2	3.9	5
6			0.54	0.81	0.50	1.3	4.3	6
7			0.46	-	0.50	3.9	4.4	7
8			0.76	-	0.40	3.3	4.2	8
9			0.50	-	0.42	2.7	3.8	9
10			0.58	-	0.96	2.5	3.7	10
11			0.86	-	1.0	2.1	3.6	11
12			0.63	-	0.81	1.9	2.6	12
13			0.46	-	0.63	1.7	2.6	13
14			0.42	-	0.58	1.9	2.6	14
15			2.6	-	0.54	1.9	2.4	15
16			3.5	-	0.67	1.6	2.0	16
17			2.7	-	0.81	1.4	2.8	17
18			1.7	-	-	-	2.9	18
19			1.0	-	5.7	-	3.1	19
20			0.76	3.6	3.8	-	3.1	20
21			1.7	2.7	2.8	-	3.1	21
22			1.3	2.2	2.8	-	-	22
23			1.1	1.7	2.7	-	-	23
24			-	1.4	2.6	5.0	-	24
25		1.1	4.5	1.2	2.2	4.9	-	25
26		0.76	2.3	1.1	1.9	4.2		26
27		0.54	1.6	1.1	2.9	3.6		27
28		0.46	1.2	0.96	2.5	3.2		28
29		0.50	4.5	0.86	2.2	2.8		29
30		0.76	5.4	0.81	1.9	2.8		30
31			3.7	0.72		5.2		31

THAMES RIVER TRIBUTARY NEAR DORCHESTER

Station No. 02GD108

Location: At the bridge on Middlesex County Road 32, about
1 mile south of the Police Village of Dorchester

Gauge: On-stream recorder

Drainage Area: 7.1 square miles

Period of Record: July to November 1976

Remarks: Temporary on-stream recorder installed
July 7 to November 25, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1			-	6.2	1.5	2.4	8.0	1
2			-	4.5	1.4	2.2	6.3	2
3			-	4.2	1.3	2.0	5.4	3
4			-	3.7	1.3	2.4	5.1	4
5			-	3.2	1.2	2.2	5.8	5
6			-	3.7	1.1	3.0	6.3	6
7			2.4	3.0	1.1	8.9	6.0	7
8			2.8	-	1.0	5.9	6.2	8
9			2.3	-	1.0	4.7	5.7	9
10			2.9	-	-	4.5	5.8	10
11			3.5	5.5	-	3.9	6.3	11
12			-	4.2	-	3.6	5.3	12
13			2.9	4.1	-	3.3	5.3	13
14			2.7	4.9	-	3.4	5.6	14
15			-	4.8	-	3.2	5.0	15
16			-	4.5	-	2.9	4.6	16
17			5.6	-	-	2.8	4.6	17
18			3.9	-	-	2.7	5.0	18
19			3.1	-	-	2.7	5.5	19
20			2.7	-	-	6.9	5.5	20
21			3.9	-	-	-	5.1	21
22			3.1	-	-	7.6	4.8	22
23			2.7	-	2.7	5.8	4.2	23
24			-	-	2.5	6.4	4.0	24
25			5.4	-	2.4	6.8	3.9	25
26			3.6	1.6	3.1	5.5	-	26
27			5.2	1.6	4.6	4.9	-	27
28			4.7	1.5	3.6	4.6	-	28
29			-	1.5	2.9	4.5	-	29
30			-	1.4	2.6	4.6	-	30
31			-	1.4		7.5		31

WHITE ASH CREEK NEAR THAMESVILLE

77

Station No. 02GE106

Location: Above the road culvert on Concession 1A, Township
of Howard, 0.5 mile south of the Village of
Thamesville

Gauge: On-stream recorder

Drainage Area: 32 square miles

Period of Record: 1972, July to November 1976

Remarks: Records fair. Temporary on-stream recorder
installed July 28 to November 25, 1976

Daily Discharge in Cubic Feet Per Second

1976								
Day	May	June	July	Aug.	Sept.	Oct.	Nov.	Day
1				-	3.7	-	-	1
2				-	3.6	-	-	2
3				-	3.5	-	10.8	3
4				9.2	3.5	-	11.2	4
5				8.4	3.4	-	10.4	5
6				-	3.3	5.3	10.1	6
7				-	3.3	10.4	9.3	7
8				-	3.2	10.0	8.1	8
9				-	3.6	8.4	7.6	9
10				-	7.1	9.1	7.5	10
11				8.8	-	8.3	7.4	11
12				8.1	-	7.3	6.8	12
13				8.0	-	6.6	6.5	13
14				8.1	-	6.0	6.3	14
15				-	-	5.6	6.3	15
16				-	-	5.2	6.3	16
17				-	-	5.1	5.9	17
18				7.3	-	5.0	6.3	18
19				5.2	-	4.9	6.3	19
20				5.0	-	6.4	6.2	20
21				4.8	-	8.8	6.3	21
22				4.6	-	9.9	5.8	22
23				4.3	-	8.3	5.3	23
24				4.1	-	-	5.2	24
25				4.0	-	-	5.1	25
26			-	3.9	-	-	-	26
27			-	4.0	-	9.6	-	27
28			7.0	3.9	-	8.4	-	28
29			-	4.0	-	8.0	-	29
30			-	3.7	-	7.9	-	30
31			-	3.7		-		31



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